N OIPE

CRF Errors Corrected by the ST[redacted]Systems Branch

Serial Number: 09/832,899

CRF Processing Date: _____
Edited by: _____
Verified by: _____ (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: ENTERED _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING DATE: 05/03/2001
PATENT APPLICATION: US/09/832,899 TIME: 16:19:07

Input Set : A:\Cpg.pto
Output Set: N:\CRF3\05032001\I832899.raw

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     4 <110> APPLICANT: TRANSGENE S.A.
     6 <120> TITLE OF INVENTION: Poxvirus with targeted infection specificity
     8 <130> FILE REFERENCE: D18836
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/832,899
C--> 10 <141> CURRENT FILING DATE: 2001-04-12
    10 <150> PRIOR APPLICATION NUMBER: EP 00 44 0109
    11 <151> PRIOR FILING DATE: 2000-04-14
    13 <150> PRIOR APPLICATION NUMBER: EP 01 44 0009
    14 <151> PRIOR FILING DATE: 2001-01-22
    16 <150> PRIOR APPLICATION NUMBER: US 60/246 080
    17 <151> PRIOR FILING DATE: 2000-11-07
    19 <160> NUMBER OF SEQ ID NOS: 21
    21 <170> SOFTWARE: PatentIn Ver. 2.1
    23 <210> SEQ ID NO: 1
    24 <211> LENGTH: 24
    25 <212> TYPE: DNA
    26 <213> ORGANISM: Artificial Sequence
    28 <220> FEATURE:
    29 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer to
    30       amplify the MVA 138L gene and flanking region
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    33 cagactggac ggcgtccata tgag                                          24
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    37 <211> LENGTH: 61
    38 <212> TYPE: DNA
    39 <213> ORGANISM: Artificial Sequence
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    43 <222> LOCATION: Complement((1)..(61))
    45 <220> FEATURE:
    46 <223> OTHER INFORMATION: Description of Artificial Sequence: antisens PCR
    47       primer to amplify the 3' end of MVA 138L gene and
    48       3' flanking region
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    52 a                                                                  61
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    57 <212> TYPE: DNA
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    60 <220> FEATURE:
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    64 <220> FEATURE:
    65 <221> NAME/KEY: gene
    66 <222> LOCATION: (1)..(61)
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Input Set : A:\Cpg.pto
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69 taatatctgg taagaatcac gatggtactc ccgggatctt ttattctata cttaaaaaat 60
70 g 61
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 35
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense PCR
80 primer to amplify E. coli GPT gene and pH5R
81 promoter
83 <400> SEQUENCE: 4
84 ggggttaatt aaggaagtta aaaagaacaa cgccc 35
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 38
89 <212> TYPE: DNA
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92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer to
94 amplify the upstream region of MVA 138L gene.
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105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense PCR
107 primer to amplify the upstream region of the MVA
108 138L gene
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115 <211> LENGTH: 68
116 <212> TYPE: DNA
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119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence:antisense
121 primer to amplify the upstream region of the MVA
122 138L gene
124 <400> SEQUENCE: 7
125 ggggaagctt caagagcggc acggctcccg ccgctgcgac gttcaggagg accaaggcaa 60
126 ccacgaac 68
129 <210> SEQ ID NO: 8
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131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer to
136 amplify the MVA 138L gene and its downstream

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PATENT APPLICATION: US/09/832,899 TIME: 16:19:07

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region

<400> SEQUENCE: 8
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<223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer to amplify SM3 scFv sequence
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aggcttgg 68

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<400> SEQUENCE: 13

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PATENT APPLICATION: US/09/832,899 TIME: 16:19:07

Input Set : A:\Cpg.pto
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207 ataaaaatat agtagaattt catttgtttt tttctatgct ataaatagga tccgataaag 60
208 tgaaaaataa ttctaattta ttgcacggta aggaagtaga atcataaaga a          111
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212 <211> LENGTH: 53
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer to
218       amplify the p11k7.5 promoter
220 <400> SEQUENCE: 14
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224 <210> SEQ ID NO: 15
225 <211> LENGTH: 50
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: antisense PCR
231       primer to amplify the p11k7.5 promoter
233 <400> SEQUENCE: 15
234 gggggagat ctaagcttgt cgacataaaa atatagtaga atttcatttg           50
237 <210> SEQ ID NO: 16
238 <211> LENGTH: 77
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
244       sequence
246 <400> SEQUENCE: 16
247 gatggtgaca gggggaatgg caagcaagtg ggatctcgag ttgggtgact ttggtgacag 60
248 atactactgt gtttaag                                              77
251 <210> SEQ ID NO: 17
252 <211> LENGTH: 85
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
258       sequence
260 <400> SEQUENCE: 17
261 gatccttaaa cacagtagta tctgtcacca aagtcaccca actcgagatc ccacttgctt 60
262 gccattcccc ctgtcaccat ctgca                                      85
265 <210> SEQ ID NO: 18
266 <211> LENGTH: 32
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: Description of Artificial Sequence:PCR primer to
272       amplify the 5' F13L flanking region of MVA
274 <400> SEQUENCE: 18
275 gagaggatcc gggtatctag ccacagtaaa tc                             32
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RAW SEQUENCE LISTING DATE: 05/03/2001
PATENT APPLICATION: US/09/832,899 TIME: 16:19:07

Input Set : A:\Cpg.pto
Output Set: N:\CRF3\05032001\I832899.raw

<210> SEQ ID NO: 19
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<210> SEQ ID NO: 20
<211> LENGTH: 33
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<210> SEQ ID NO: 21
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<223> OTHER INFORMATION: Description of Artificial Sequence: antisense PCR primer to amplify the 3' F13L flanking region of MVA
<400> SEQUENCE: 21
aacaggatcc cttatacatc ctgttctatc aacg 34

VERIFICATION SUMMARY DATE: 05/03/2001
PATENT APPLICATION: US/09/832,899 TIME: 16:19:08

Input Set : A:\Cpg.pto
Output Set: N:\CRF3\05032001\I832899.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date